

ABSTRACT OF THE DISCLOSURE

When an output signal is multiplied with a gain,
a dark current is also multiplied with the gain. A
dark current having almost no influence at room
5 temperature may saturate the output signal with a high
gain at a high temperature. The magnitude of the gain
is conventionally determined by the magnitude of a dark
current which the distance measuring apparatus
guarantees at highest temperatures. An image sensing
10 apparatus of this invention includes a signal generator
adapted to generate a signal upon reception of input
light, a transfer unit adapted to transfer the signal
generated by the signal generator, a temperature
measuring unit adapted to measure a temperature, an
15 amplification unit adapted to amplify the signal
transferred from the transfer unit, and a control unit
adapted to control the gain of the amplification unit
at a first temperature to be lower than the gain of the
amplification unit at a second temperature in
20 accordance with a measurement by the temperature
measuring unit, the second temperature being lower than
the first temperature.